



PATENT ABSTRACTS OF JAPAN

(11) Publication number: 2001094560 A

(43) Date of publication of application: 06.04.2001

(51) Int. Cl. H04L 12/24

H04L 12/26, H04L 12/66, H04L 29/04

(21) Application number: 11355513

(22) Date of filing: 15.12.1999

(30) Priority: 16.07.1999 JP 11202579

(71) Applicant: FUJITSU LTD

(72) Inventor: OKAMOTO TAKUYA
MURAKAMI HIROYUKI
TAKAHASHI SOICHI
HATANAKA KOICHI

(54) SYSTEM AND METHOD FOR MUTUAL COMMUNICATION

COPYRIGHT: (C)2001,JPO

(57) Abstract:

PROBLEM TO BE SOLVED: To efficiently communicate with a network which uses a different protocol.

SOLUTION: A 1st connection establishing means 11 establishes a connection C0 with a network A. A down frame generating means 12 generates a down frame Df0 including the identifiers of communication devices 30-1 to 30-3. A frame communicating means 13 sends the down frame Df0 through the connection C0 and processes an up frame Uf0 received through the connection C0. A 2nd connection establishing means 21 establishes connections C1 and C2 with the communication devices 30-1 to 30-3 through networks B and C having a communication protocol different from that of the network A. A frame mediating communication means 22 mediate to send down frames Df1 to Df3 to the communication devices 30-1 to 30-3 through the connections C1 and C2 or send up frames Uf1 to Uf3 to a network management device 10.

